



### Safety Data Sheet

#### SECTION 1. IDENTIFICATION

**Product Identifier** PRAIRIE DRILL R  
**Product Family** Suspension  
**Recommended Use** Viscosifier.  
**Supplier** Prairie Mud and Chemical Serv., 738 - 6th Street, Estevan, SK, S4A 1A4, 306-634-3411  
**Emergency Phone No.** CANUTEC, 613-996-6666 or \*666 on a cellular phone (Canada Only), 24 Hours / Day

#### SECTION 2. HAZARDS IDENTIFICATION

##### GHS Classification

Serious eye damage/eye irritation - Category 2A

##### GHS Label Elements



Signal Word:

Warning

Hazard Statement(s):

Causes serious eye irritation.

Precautionary Statement(s):

Prevention:

Wash hands thoroughly after handling.

Wear eye protection/face protection.

Response:

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing.

If eye irritation persists: Get medical advice/attention.

#### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	%	Other Identifiers
Adipic acid	124-04-9	1 - 5	

##### Notes

Concentrations are expressed in % weight/weight.

#### SECTION 4. FIRST-AID MEASURES

##### First-aid Measures

###### Inhalation

Move to fresh air. Allow the victim to rest in a well ventilated area. Seek medical attention if irritation develops or persists.

###### Skin Contact

Immediately wash gently and thoroughly with lukewarm, gently flowing water and mild soap for 15-20 minutes.

Seek medical attention if irritation develops or persists.

#### **Eye Contact**

Immediately rinse the contaminated eye(s) with lukewarm, gently flowing water for 15-20 minutes, while holding the eyelid(s) open. Seek medical attention if irritation develops or persists.

#### **Ingestion**

Rinse mouth with water. Never give anything by mouth if victim is rapidly losing consciousness, or is unconscious or convulsing. Do not induce vomiting. Seek medical attention.

#### **Most Important Symptoms and Effects, Acute and Delayed**

If in eyes:

May cause moderate to severe irritation.

If swallowed:

Can cause a laxative effect.

## **SECTION 5. FIRE-FIGHTING MEASURES**

### **Extinguishing Media**

#### **Suitable Extinguishing Media**

Carbon dioxide, dry chemical powder or appropriate foam. Fire fighting foam suitable for the situation.

#### **Unsuitable Extinguishing Media**

None known.

### **Specific Hazards Arising from the Chemical**

Does not burn. Forms slippery compound when mixed with water.

### **Special Protective Equipment and Precautions for Fire-fighters**

The use of self-contained breathing apparatus is recommended for fire fighters. Use water to keep fire-exposed containers cool.

## **SECTION 6. ACCIDENTAL RELEASE MEASURES**

### **Personal Precautions, Protective Equipment, and Emergency Procedures**

Use the personal protective equipment recommended in Section 8 of this safety data sheet.

### **Environmental Precautions**

Do not allow into any sewer, on the ground or into any waterway. If the spill is inside a building, prevent product from entering drains, ventilation systems and confined areas.

### **Methods and Materials for Containment and Cleaning Up**

Contain and soak up spill with absorbent that does not react with spilled product. Place used absorbent into suitable, covered, labelled containers for disposal. After cleaning, flush away traces with water wet product may create a slipping hazard. Collect washing for disposal.

## **SECTION 7. HANDLING AND STORAGE**

### **Precautions for Safe Handling**

Only use where there is adequate ventilation. Avoid generating vapours or mists. Prevent heating.

### **Conditions for Safe Storage**

Store in an area that is: cool, dry, ventilated, out of direct sunlight and away from heat and ignition sources.

## **SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

### **Control Parameters**

Chemical Name	ACGIH TLV®		OSHA PEL		AIHA WEEL	
	TWA	STEL	TWA	Ceiling	8-hr TWA	TWA
Adipic acid	5 mg/m <sup>3</sup>	Not established	Not established	Not established	Not established	Not established

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## Appropriate Engineering Controls

General ventilation is usually adequate. Provide eyewash and safety shower if contact or splash hazard exists.

## Individual Protection Measures

### Eye/Face Protection

Do not get in eyes. Eye contact should be prevented through use of chemical safety glasses with side shields or splash proof goggles.

### Skin Protection

Chemically resistant gloves should be used. Consideration must be given both to durability as well as permeation resistance.

### Respiratory Protection

Not normally required if product is used as directed.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

### Basic Physical and Chemical Properties

<b>Appearance</b>	Milky brown viscous liquid.
<b>Odour</b>	Faint
<b>Odour Threshold</b>	Not available
<b>pH</b>	3.5 - 6.5
<b>Melting Point/Freezing Point</b>	Not available (melting); Not available (freezing)
<b>Initial Boiling Point/Range</b>	256 - 297 °C (493 - 567 °F)
<b>Flash Point</b>	> 93.3 °C (closed cup)
<b>Evaporation Rate</b>	~ 0.1
<b>Upper/Lower Flammability or Explosive Limit</b>	Not available (upper); Not available (lower)
<b>Vapour Pressure</b>	Not available
<b>Vapour Density (air = 1)</b>	Not available
<b>Relative Density (water = 1)</b>	< 1.05 at 20 °C
<b>Solubility</b>	Dispersible in water
<b>Partition Coefficient, n-Octanol/Water (Log Kow)</b>	Not available
<b>Auto-ignition Temperature</b>	Not available
<b>Decomposition Temperature</b>	Not available
<b>Viscosity</b>	Not available (kinematic)
<b>Other Information</b>	
<b>Physical State</b>	Liquid

## SECTION 10. STABILITY AND REACTIVITY

### Chemical Stability

Normally stable.

### Possibility of Hazardous Reactions

None known.

### Conditions to Avoid

Open flames, sparks, static discharge, heat and other ignition sources. Material will become very slippery when contacted with water.

### Incompatible Materials

Strong oxidizing agents (e.g. perchloric acid). Acids.

### Hazardous Decomposition Products

Oxides of Carbon

Smoke on combustion.

## SECTION 11. TOXICOLOGICAL INFORMATION

### Acute Toxicity

Chemical Name	LC50	LD50 (oral)	LD50 (dermal)
Adipic acid	Not available	> 5000 mg/kg (rat)	Not available

### Skin Corrosion/Irritation

No information was located.

### Serious Eye Damage/Irritation

No information was located.

### STOT (Specific Target Organ Toxicity) - Single Exposure

#### Inhalation

No test data found for product.

#### Skin Absorption

No information was located.

#### Ingestion

No information was located.

### Aspiration Hazard

Not known to be an aspiration hazard.

### Respiratory and/or Skin Sensitization

Not a respiratory sensitizer. Not a skin sensitizer.

### Carcinogenicity

Chemical Name	IARC	ACGIH®	NTP	OSHA
Adipic acid	Not Listed	Not designated	Not Listed	Not Listed

No information was located.

### Reproductive Toxicity

#### Development of Offspring

No information was located.

#### Sexual Function and Fertility

No information was located.

### Germ Cell Mutagenicity

No information was located.

## SECTION 12. ECOLOGICAL INFORMATION

Environmental information was not located.

### Toxicity

Studies were not located.

### Persistence and Degradability

No information was located.

### Bioaccumulative Potential

No information was located.

### Mobility in Soil

Studies are not available.

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## SECTION 13. DISPOSAL CONSIDERATIONS

### Disposal Methods

Contact local environmental authorities for approved disposal or recycling methods in your jurisdiction.

## SECTION 14. TRANSPORT INFORMATION

Not regulated under Canadian TDG Regulations.

**Special Precautions for User** Not applicable

**Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code**

Not applicable

## SECTION 15. REGULATORY INFORMATION

### Safety, Health and Environmental Regulations

#### Canada

#### Domestic Substances List (DSL) / Non-Domestic Substances List (NDSL)

All intentional components of this product are either on the DSL, the confidential DSL or notifications / import restrictions are in place.

#### USA

#### Toxic Substances Control Act (TSCA) Section 8(b)

All ingredients are listed on the TSCA Inventory.

## SECTION 16. OTHER INFORMATION

### SDS Prepared By

**Phone No.** 403-279-8545

**Date of Preparation** June 09, 2015

**Disclaimer** To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.